NEWFOUNDLAND AND LABRADOR MATHEMATICS 2202 · UNIT A

Surface Area and Volume — Practice Test

Newfoundland and Labrador Mathematics 2202 • 10 questions

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **Think about the property. Which unit measures volume?**

- **A** cm^2
- **B** cm^3
- **C** centimetre
- **D** m^2 per second

Understand It with Pulse | Flag a mistake

2 **A sphere has radius 2 cm. Its volume, to one decimal place, in cm^3, using pi equals 3.14, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **Two boxes have volumes 18 and 42 cm³. Their total volume, in cm³, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A cube has side 5 cm. Its surface area, in cm², is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A cylinder has radius 2 cm and height 7 cm. Its volume, to one decimal place, in cm³, using pi equals 3.14, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **A rectangular prism measures 8 by 2 by 5 cm. Its volume, in cm³, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **A rectangular prism measures 5 by 4 by 3 cm. Its surface area, in cm², is**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **A cube has side 4 cm. Its volume, in cm³, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **A sphere has radius 4 cm. Its surface area, to one decimal place, in cm², using pi equals 3.14, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **A cone has radius 3 cm and height 6 cm. Its volume, to one decimal place, in cm³, using pi equals 3.14, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	B	**5.**	87.9	**9.**	201.0
2.	33.5	**6.**	80	**10.**	56.5
3.	60	**7.**	94		
4.	150	**8.**	64		

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